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FORM PTO-1980 (Pam 6-20) ONE No. 0007-0011 (kmp. 404)	,	ORM COVER SHEET U.S. Department of Continues of Continue
To the Honorable Commissioner of	Patents and Trademarks: Please recor	rd the attached original document or copy thereof,
1. Name of conveying party(ies): TZU-FANG HUANG YUNG-CHENG LU LI-QUN XIA ELLIE YIEH	Date AUGUST 15, 2000 OCTOBER 22, 2000 JULY 20, 2000 JULY 31, 2000	Name and address of receiving party(ies); Name: Applied Materials, Inc. Internal Address: P.O. Box 450-A
WALFAN YAU DAVID W. CHEUNG RALF B. WILLECKE KUOWEI LIU JU-HYUNG LEE FARHAD K. MOGHADAM YEMING JIM MA	JULY 20, 2000 JULY 19, 2000 JULY 20, 2000 JULY 25, 2000 JULY 19, 2000 JULY 25, 2000 SEPTEMBER 26, 2000	Street Address:
Additional name(s) of conveying par	rty(les) attached?Yes _X_No	City: Santa Clara State: CA Zip: 95052
3. Nature of conveyance:		Additional name(s) & address(es) attached?Yes _X_No
X Assignment	Merger	
Security Agreement	Change of Name	
_ Other		
Execution Date: See Ab	ove and the Attached	
A. Patent Application No.(s) B. Patent No.(s)	emer with a new application, the executation of the	ution date of the application is: <u>HEREWITH</u> (Date of Filing)
Name and address of party to whe document hould be mailed:		6. Total number of applications and patents involved: 1
Name: Par		7. Total fee (37 C.F.R. 3.41)———— \$_40.00
Internal Address: APPLIE	D MATERIALS, INC.	_ Enclosed
		X Authorized to be charged to deposit account
Street Address: P.O.	Box 450-A	50-1074/2592,C8/DSM/LOW K/JW
City: Santa Clara State	e: <u>CA</u> Zlp: <u>95052</u>	8. Deposit account number: 50-1074/2582.C8/DSM/LOW K/LW
	DO NOT USE	THIS SPACE
Statement and signature. To the best of my knowledge and it.	belief, the foregoing Information is true	a and correct end empettached copy is a true copy of the original document.
ROBERT W. MULCAHY, Reg. No. Name of Person Signing	Signature	dan. 27, 2004 Date Deer of pages including cover sheet, attachments and document: 34
	I CLEI (IUIII)	of pages including cover sheet attachments and document 34



ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	TZU-FANG HUANG 5431 Liqurian Dr. San Jose, CA 95138	2)	YUNG-CHENG LU 3671 Greenlee Dr., #3 San Jose, CA 95117
3)	LI-QUN XIA 5358 Carryback Ave. San Jose, CA 95111	4)	ELLIE YIEH 5888 Pistoria Way San Jose, CA 95138
5)	WAI-FAN YAU 158 Gretel Ln. Mountain View, CA 94040	6)	DAVID W. CHEUNG 235 Billingsgate Ln. Foster City, CA 94404
7)	RALF B. WILLECKE 2250 Monroe St. #336 Santa Clara, CA 95050	8)	KUOWEI LIU 163 N. San Tomas Aquino Rd. Campbell, CA 95008
9)	JU-HYUNG LEE 65 Shelley Ave Campbell, CA 95008	10)	FARHAD K. MOGHADAM 15440 Via Colina Saratoga, CA 95010
11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on 4/19/2000 under Serial No. 09/533.96/, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.





- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

1)	Ang 15th, 2000 To	zu-FANG-HUANG
2)	, 2000	UNG-CHENG LU
3)	, 2000	I-QUN XIA
4)	, 2000	LLIE YIEH
5)	, 2000	VAI-FAN YAU
6)	, 2000	DAVID W. CHEUNG



7)	, 2000		:
		RALF B. WILLECKE	
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		KUOWEI LIU	
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	· · · · · · · · · · · · · · · · · · ·	JU-HYUNG LEE	
10)	, 2000_		
		FARHAD K. MOGHADAM	
11)	, 2000		
		YEMING JIM MA	





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		YUNG-CHENG LU	
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		LI-QUN XIA	_
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		WAI-FAN YAU	_
6)	, 2000	<u></u>	
		DAVID W. CHEUNG	—



7)	, 2000	
•		RALF B. WILLECKE
8)	, 2000	
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11)	, 2000	
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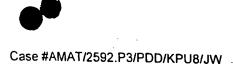
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·	,		TZU-FANG HUANG	
2)		. 2000		
		· . 	YUNG-CHENG LU	
3)		, 2000		
			LI-QUN XIA	
4)	·	2000		
•	1.1		ELLIE YIEH	
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·	7		WAI-FAN YAU	
6)		2000		
•			DAVID W. CHEUNG	



7)	2000	·	
·	-	RALF B. WILLECKE	
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WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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		JU-HYUNG LEE
	, 2000	
	·	FARHAD K. MOGHADAM
	2000	
		YEMING JIM MA





ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	TZU-FANG HUANG 5431 Liqurian Dr. San Jose, CA 95138	2)	. YUNG-CHENG LU 3671 Greenlee Dr., #3 San Jose, CA 95117
3)	LI-QUN XIA 5358 Carryback Ave. San Jose, CA 95111	4)	ELLIE YIEH 5888 Pistoria Way San Jose, CA 95138
5)	WAI-FAN YAU 158 Gretel Ln. Mountain View, CA 94040	6)	DAVID W. CHEUNG 235 Billingsgate Ln. Foster City, CA 94404
7)	RALF B. WILLECKE 2250 Monroe St. #336 Santa Clara, CA 95050	8)	KUOWEI LIU 163 N. San Tomas Aquino Rd. Campbell, CA 95008
9)	JU-HYUNG LEE 65 Shelley Ave. Campbell, CA 95008	10)	FARHAD K. MOGHADAM 15440 Via Colina Saratoga, CA 95010
11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on $\frac{4/19}{2000}$ under Serial No. $\frac{09/5.33.46}{1}$, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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•		DAVID W. CHEUNG	



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10)	2000		
,		FARHAD K. MOGHADAM	
11)	, 2000		
		YEMING JIM MA	



ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

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11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on $\frac{4/19/2000}{1000}$ under Serial No. 01/33,961, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

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ASSIGNMENT FOR APPLICATION FOR PATENT

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11)	YEMING JIM MA 3707 Poinciana Dr., #133 Santa Clara, CA 95051		

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METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on $\frac{4//9/2000}{2000}$ under Serial No. $\frac{61/533}{2000}$, executed on even date herewith; and

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		DAVID W. CHEUNG	



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10)	, 2000
	FARHAD K. MOGHADAM
11)	2000
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ASSIGNMENT FOR APPLICATION FOR PATENT

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(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA

for which application for Letters Patent in the United States was filed on 4/19/2000 under Serial No. 09/533,46/, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.



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6)	, 2000		
•		DAVID W CHEUNG	

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,	FARHAD K. MOGHADAM
11)	2000
• • • •	VENING HM MA

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

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for which application for Letters Patent in the United States was filed on $\frac{4//9/2000}{19/533,461}$, executed on even date herewith; and

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5) .		LI-QUN XIA		
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4)	, 2000	ELLIE YIEH		
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5)	, 2000	WAI-FAN YAU		
6)	, 2000	DAVID W. CHEUNG	•	
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		FARHAD K. MOGHADAM
11)	Sept. 26, 2000 (MMa
'''	7 2000 12	YEMING JIM MA



Atty. Dkt. No. AMAT/2592.P3/PDD/KPU8/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below na	med inventor, I hereby declare that:	
This declaration	n is of the following type:	
[]	original	
11	divisional	
· i i	continuation	
[x]	continuation-in-part	
	INVENTORSHIP IDENTIFICA	ATION
	f the subject matter which is claimed and for which a pate METHOD OF DEPOSITING LOW K FILMS USING SPECIFICATION IDENTIFICA	G AN OXIDIZING PLASMA
The specificati	on of which:	
. [1	is attached hereto	
[X]	was filed on (spiel 19,200, under Serial No. 09)	1553 46/ , executed on even date herewi
	or	
[.]	Express Mail No.(as Serial No. not yet known)	
r a	and was amended on (if applicab	
[]	was described and claimed in PCT International Appl filed on and as amended under PC	

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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	[] Such appl	ications have been filed as	follows:				
A. ,		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this applicant any priority claims under 35 U.S.C. §119					
	Country/PCT	Application No	Date Filed	Priority Claime			
				[] Yes [] N [] Yes [] N [] Yes [] N			
В.	All foreign applic U.S. application	ation(s), if any, filed mor	e than 12 mos. (6 mos for	r design) prior to this			
	Country: Application No: Filing date:						
C.	U.S. Provisional	Application filed within 1	2 months prior to this ap	oplication			
	Serial No.		Filing Date	•			

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- [] No such applications have been filed
- [x] Such applications have been filed, as follows:

No such applications have been filed.

[x]



•		Status		
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	
09/114,682	07/13/98		X	
09/162,915	09/29/98		X	
09/185,555	11/04/98		X	
09/247,381	02/10/99		. X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

	•
Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
•	

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc.

P.O. Box 450-A

Santa Clara, CA 95052

B. Todd Patterson

THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:

TZU-FANG HUANG

Inventor's signature:

Residence: Post Office Address:

San Jose, CA 65/1384 5431 Liqurian Dr.

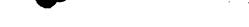
U.S.A.

Country of Citizenship: TAIWAN

Full name of second inventor:		YUNG-CHENG LU		
Inventor's signature:		Date:		
Residence:	San Jose, CA 9			
Post Office Address:	3671 Greenlee			
	U.S.A.	Country of Citizenship: TAIWAN		
		,		
Full name of third inven	ntor:	LI-QUN XIA		
Inventor's signature:	<u>. </u>	Date:		
Residence:		San Jose, CA 95111		
Post Office Address:		5358 Carryback Ave.	:	
		U.S.A. Country of Citizenship: CHINA		
Full name of fourth inve	entor:	ELLIE YIEH		
Inventor's signature:		Date:		
Residence:		San Jose, CA 95138		
Post Office Address:		5888 Pistoria Way		
1 Ost Office Address.	U.S.A.	Country of Citizenship: USA		
•	0.5.A.	Country of Chizenship. Con		
Full name of fifth inven	tor:	WAI-FAN YAU		
Inventor's signature:		Date:		
Residence:		Mountain View, CA 94040		
Post Office Address:		158 Gretel Ln.		
	U.S.A.	Country of Citizenship: USA		
	•			
Full name of sixth inven	itor:	DAVID W. CHEUNG		
Inventor's signature:		Date:		
Residence:		Foster City, CA 94404		
Post Office Address:		235 Billingsgate Ln.	•	
rost Office Address.	U.S.A.	Country of Citizenship: USA		
•	U.S.A.	Country of Citizenship. USA		
Full name of seventh inventor:		RALF B. WILLECKE		
T	•	Deter		
Inventor's signature:	· · · · · · · · · · · · · · · · · · ·	Date:		
Residence:		Santa Clara, CA 95050		
Post Office Address:		2250 Monroe St. #336		
	U.S.A.	Country of Citizenship: GERMANY		

Full name of eighth inventor:		KUOWEI LIU		
Inventor's signature:		Date:		
Residence:		Campbell, CA 95008		
Post Office Address:		163 N. San Tomas Aquino Rd.		
	U.S.A.	Country of Citizenship: USA		
Full name of ninth inv	entor:	JU-HYUNG LEE		
Inventor's signature:		Date:		
Residence:		Campbell, CA 95008		
Post Office Address:		65 Shelley Ave.		
	U.S.A.	Country of Citizenship: SOUTH KOREA		
Full name of tenth inv	entor:	FARHAD K. MOGHADAM		
Inventor's signature:	•	Date:		
Residence:		Saratoga, CA 95010		
Post Office Address:		15440 Via Colina		
•	U.S.A.	Country of Citizenship: USA		
•				
Full name of eleventh	inventor:	YEMING JIM MA		
Inventor's signature:		Date:		
Residence:		Santa Clara, CA 95051		
Post Office Address:		3707 Poinciana Dr., #133		
	U.S.A.	Country of Citizenship: CHINA		

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Atty. Dkt. No. AMAT/2592.P3/PDD/KPU8/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:
[] original [] divisional [] continuation [x] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
SPECIFICATION IDENTIFICATION
The specification of which:
is attached hereto [X] was filed on 69/55346/, under Serial No. Quil 19,200, executed on even date herewith; or [] Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) [] was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[X] NO SUCIL O	ipprications have occir in		
	[] Such appl	lications have been filed	as follows:	
4.		Γ application(s) filed wins under 35 U.S.C. §119	•	esign) prior to this application, and
	Country/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
В.	All foreign applic	cation(s), if any, filed m	ore than 12 mos. (6 mos fo	or design) prior to this
	Country: Application No: Filing date:			
C.	U.S. Provisional	Application filed within	12 months prior to this a	pplication
	Serial No.		Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

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[]	No such applications have been filed
ſ۰٦	Such applications have been filed as



••			Status _		
Serial No.	Filing Date	Patented	Pending	Abandoned	
09/021,788	02/11/98		. <u>X</u>		
09/114,682	07/13/98		Х	•	
09/162,915	09/29/98		Х	•	
09/185,555	11/04/98		· X	• .	
09/247,381	02/10/99		X		

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
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Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson

Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052

THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: TZU-FANG HUANG			•
Inventor's signature:	·	Date:	
Residence:	San Jose, CA 95138		
Post Office Address:	5431 Liqurian Dr.	•	
	U.S.A.	Country of Citizenship: TAIWAN	



•	
Full name of second inventor:	YUNG-CHENG LU
41 (Lo	10/22/000
Inventor's signature:	2 dr Date: 10/22/00
Residence: San Jose, CA 9	5162 t. 2 No.4 Ln.114 Sec. 7 (hunoshan N/ Read
Post Office Address: 3671 Greenlee	Df. #3 Taipei, Taiwan, R.C.C. Y.C.Lu
U.S.A.	Country of Citizenship: TAIWAN
Full name of third inventor:	LI-QUN XIA
•	
Inventor's signature:	Date:
Residence:	San Jose, CA 95111
Post Office Address:	5358 Carryback Ave.
	U.S.A. Country of Citizenship: CHINA
• •	22 may 5. Ontbottomp. Offitte
Full name of fourth inventor:	ELLIE YIEH
Inventor's signature:	Date:
Residence:	San Jose, CA 95138
Post Office Address:	5888 Pistoria Way
U.S.A.	Country of Citizenship: USA
0.0.71	Country of Citizenship, USA
Full name of fifth inventor:	WAI-FAN YAU
Tun name of men myontor.	WAI-FAN TAU
Inventor's signature:	Datas
Residence:	Mountain View, CA 94040
Post Office Address:	158 Gretel Ln.
U.S.A.	·
0.5.A.	Country of Citizenship: USA
Full name of sixth inventor:	DAVID W CURING
I dil hanc of sixth inventor.	DAVID W. CHEUNG
Inventor's signature:	
Residence:	Date:
Post Office Address:	Foster City, CA 94404
	235 Billingsgate Ln.
U.S.A.	Country of Citizenship: USA
•	
Evil name of governth in	DALED WILL DOWN
Full name of seventh inventor:	RALF B. WILLECKE
Inventorie eignetung	
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95050
PACT LITTICE Address.	2260 Manuary Co. #226

Country of Citizenship: GERMANY

U.S.A.

Full name of eighth invento	or:	KUOWEI LIU
Inventor's signature:		Date:
Residence:		Campbell, CA 95008
Post Office Address:		163 N. San Tomas Aquino Rd.
	U.S.A.	Country of Citizenship: USA
Full name of ninth invento	r: · · .	JU-HYUNG LEE
Inventor's signature:	•	Date:
Residence:		Campbell, CA 95008
Post Office Address:		65 Shelley Ave.
	U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth invento	r:	FARHAD K. MOGHADAM
Inventor's signature:		Date:
Residence:		Saratoga, CA 95010
Post Office Address:		15440 Via Colina
	U.S.A.	Country of Citizenship: USA
Full name of eleventh inve	entor:	YEMING JIM MA
Inventor's signature:		Date:
Residence:		Santa Clara, CA 95051
Post Office Address:	•	3707 Poinciana Dr., #133
	U.S.A.	Country of Citizenship: CHINA
4		

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Atty. Dkt. No. AMAT/2592.P3/PDD/KPU8/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I nereby declare that:
This declaration is of the following type:
[] original [] divisional [] continuation [x] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
SPECIFICATION IDENTIFICATION
The specification of which:
[] is attached hereto [X] was filed on Gocilgoo, under Serial No. 09/5.5346 , executed on even date herewith; or [] Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) [] was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantia likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.



I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x] No such a	ipplications have been file	d.	. :
	[] Such appl	lications have been filed a	s follows:	•
A.		Γ application(s) filed with ns under 35 U.S.C. §119	hin 12 mos. (6 mos. for des	ign) prior to this application, a
	Country/PCT	Application No	Date Filed	Priority Claimed
. •				[] Yes [] No
				[] Yes [] No
				[] Yes [] No
В.	All foreign applic U.S. application	ation(s), if any, filed mo	re than 12 mos. (6 mos for	design) prior to this
	Country:			
	Application No:			•
	Filing date:		•	
c.	U.S. Provisional	Application filed within	12 months prior to this ap	plication
	Serial No.		Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

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No such applications have been	filed
--------------------------------	-------

[x] Such applications have been filed, as follows:



		Status _	<u>.</u>	
Filing Date	Patented	Pending	Abandoned	
02/11/98	-	X		
07/13/98		X	•	
09/29/98		X		
11/04/98		X		
02/10/99		X		
	02/11/98 07/13/98 09/29/98 11/04/98	02/11/98 07/13/98 09/29/98 11/04/98	02/11/98 X 07/13/98 X 09/29/98 X 11/04/98 X	Filing Date Patented Pending Abandoned 02/11/98 X 07/13/98 X 09/29/98 X 11/04/98 X

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	

DECLARATION

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Full name of sole or fir	st inventor: TZU-FA	NG HUANG	
Inventor's signature:		Date:	
Residence:	San Jose, CA 95138		•
Post Office Address:	5431 Liqurian Dr.		
	U.S.A.	Country of Citizenship: TA	AIWAN



Full name of second in	ventor:	YUNG-CHEN	IG LU			
Inventor's signature:				Date:	•	
Residence:	San Jose, CA 9	5117				
Post Office Address:	3671 Greenlee	Dr., #3				•
	U.S.A.		Country of	Citizensh	ip: TAIWAN	٠
Full name of third inve	entor:	LI-QUN XIA			, .	
Inventor's signature:			16	Date:	7-00-	- avoc
Residence:	\.	San Jose, CA	95111			<u>.</u>
Post Office Address:	V	5358 Carrybac				
•		U.S.A.		f Citizensh	nip: CHINA	•
Full name of fourth in	/entor:	El I le Vieu				
run name or fourth my	rentor.	ELLIE YIEH				
Inventor's signature:				Date:		
Residence:		San Jose, CA	95138		· · · · · · · · · · · · · · · · · · ·	
Post Office Address:		5888 Pistoria				14
	U.S.A.		Country o	f Citizensl	hip: USA	
	•					
Full name of fifth inve	ntor:	WAI-FAN YA	AU		٠	
Inventor's signature:				Date:		
Residence:		Mountain Vie	W CA 04040	Date:_	· · · · · · · · · · · · · · · · · · ·	
Post Office Address:		158 Gretel Ln	•			
1 Ost Office Madress.	U.S.A.	136 Officer En	Country o	f Citizens	hin: USA	
		• •				
Full name of sixth inve	entor:	DAVID W. C	HEUNG		***	
Inventor's signature:		•		Date:		
Residence:		Foster City, C	A 94404			
		, ,				

235 Billingsgate Ln.

U.S.A.

Post Office Address:

Inventor's signature:

Full name of seventh inventor:

Post Office Address: 2250 Monroe St. #336

U.S.A. Country of Citizenship: GERMANY

Country of Citizenship: USA

Date:

Full name of eighth inventor:	KUOWEI LIU
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.A.	Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	65 Shelley Ave.
U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S.A.	Country of Citizenship: USA
Full name of eleventh inventor:	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
U.S.A.	Country of Citizenship: CHINA

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named	inventor, I	hereby d	leclare t	hat:
------------------	-------------	----------	-----------	------

This declaration	is of the following type:	
[] [] [x]	original divisional continuation continuation-in-part	
•	INVENTORSHIP IDENTIFICATION	
first and sole in	post office address and citizenship are as stated below next to my name. I believe I am ventor (if only one name is listed below) or an original, first and joint inventor (if plur the subject matter which is claimed and for which a patent is sought on the invention er	al names are
	METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA	
	SPECIFICATION IDENTIFICATION	
The specification	on of which:	
[] [x]	is attached hereto was filed on April 19 2000, under Serial No. 09/55346 , executed on even of express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on	
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR	
	hat I have reviewed and understand the contents of the above-identified specification, ided by any amendment referred to above.	including the
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Country/PCT	Application No	Date Filed	Priority Claimed
		•	[] Yes [] No
			[] Yes [] No
			[] Yes [] No
All foreign app U.S. applicatio	lication(s), if any, filed mor n	e than 12 mos. (6 mos for	design) prior to this
Country:		·	
Application No	:		
Application No			

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l	J	NO	sucn	app	piica	lions	nave	been	mea

[x] Such applications have been filed, as follows:

		Status				
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Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
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Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
0 . 01 . 01 0000	

Santa Clara, CA 95052

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor: TZU-FAN	IG HUANG	
Inventor's signature:		Date:	•
Residence:	San Jose, CA 95138		
Post Office Address:	5431 Liqurian Dr.		• •
	IISA	Country of Citizenship:	TAIWAN



Full name of second inventor: Inventor's signature: Date: Residence: San Jose, CA 95117 Post Office Address: 3671 Greenlee Dr., #3 U.S.A. Country of Citizenship: TAIWAN Full name of third inventor: LI-QUN XIA Inventor's signature: Date: Residence: San Jose, CA 95111 Post Office Address: 5358 Carryback Ave. 🗸 🎏 U.S.A. Count: of Citizenship: CHINA Full name of fourth inventor: **ELLIE YIEH** Inventor's signature: Residence: San Jose, CA 95138 Post Office Address: 5888 Pistoria Way U.S.A. Country of Citizenship: USA Full name of fifth inventor: **WAI-FAN YAU** Inventor's signature: Residence: Mountain View, CA 94040 Post Office Address: 158 Gretel Ln. U.S.A. Country of Citizenship: USA Full name of sixth inventor: DAVID W. CHEUNG Inventor's signature: Date: Residence: Foster City, CA 94404 Post Office Address: 235 Billingsgate Ln. U.S.A. Country of Citizenship: USA Full name of seventh inventor: RALF B. WILLECKE Inventor's signature: Date: Residence: Santa Clara, CA 95050 Post Office Address: 2250 Monroe St. #336

Country of Citizenship: GERMANY

U.S.A.

Full name of eighth inventor:	KUOWEI LIU			
Inventor's signature:	Date:			
Residence:	Campbell, CA 95008			
Post Office Address:	163 N. San Tomas Aquino Rd.			
U.S.A.	Country of Citizenship: USA			
Full name of ninth inventor:	JU-HYUNG LEE			
Inventor's signature:	Date:			
Residence:	Campbell, CA 95008			
Post Office Address:	65 Shelley Ave.			
U.S.A.	Country of Citizenship: SOUTH KOREA			
Full name of tenth inventor:	FARHAD K. MOGHADAM			
Inventor's signature:	Date:			
Residence:	Saratoga, CA 95010			
Post Office Address:	15440 Via Colina			
U.S.A.	Country of Citizenship: USA			
Full name of eleventh inventor:	YEMING JIM MA			
Inventor's signature:	Date:			
Residence:	Santa Clara, CA 95051			
Post Office Address:	3707 Poinciana Dr., #133			
U.S.A.	Country of Citizenship: CHINA			

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: This declaration is of the following type: original divisional continuation [x] continuation-in-part INVENTORSHIP IDENTIFICATION My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA SPECIFICATION IDENTIFICATION The specification of which: is attached hereto [] was filed on april 19,2000, under Serial No. 09/553 4/1 , executed on even date herewith; [X] [] Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No. [] and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such	applications have been filed	•	,
	[]	Such app	lications have been filed as	follows:	
Α.			T application(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for des	sign) prior to this application, and
	Cour	ntry/PCT	Application No	Date Filed	Priority Claimed
					[] Yes [] No
			•		[] Yes [] No
•					[] Yes [] No
В.		reign applic	cation(s), if any, filed mor	e than 12 mos. (6 mos for	design) prior to this
	Countr	ry:			
		ation No:			
	Filing	date:			
C.	U.S. P	rovisional .	Application filed within 1	2 months prior to this ap	plication
	Serial	No.		Filing Date	

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[]	No such applications have been filed
[x]	Such applications have been filed, as follows:

Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	
09/114,682	07/13/98		X	
09/162,915	09/29/98		Χ.	
09/185,555	11/04/98		X	
09/247,381	02/10/99		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Designation No. 22.217
<u>-</u>	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	
	(713) 623-4844
Santa Clara, CA 95052	•

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Full name of sole or first inventor:		TZU-FAN	G HUANG		
Inventor's signature:			Date:		
Residence:	San Jose, CA	95138		. ,	
Post Office Address: 5431 Liquri		ı Dr.		•	
	U.S.A.		Country of Citizens	shin TAIWAN	



Full name of second inventor:

YUNG-CHENG LU

Inventor's signature:		Date:
Residence:	San Jose, CA 9	
Post Office Address:	3671 Greenlee	
	U.S.A.	Country of Citizenship: TAIWAN
		or o
Full name of third inver	itor:	LI-QUN XIA
Tun nume of time a miver		El QONAM
Inventor's signature:		Date:
Residence:		San Jose, CA 95111
Post Office Address:		5358 Carryback Ave.
1 USt Office Address.		U.S.A. Country of Citizenship: CHINA
		O.S.A. Country of Chizenship. Critical
Full name of fourth inve	entor	ELLIE YIEH
Full hame of fourth mixe	cintor.	ELLIE HEN
Inventor's signature:	•	Date:
Residence:		San Jose, CA 95138
Post Office Address:	•	5888 Pistoria Way
	U.S.A.	Country of Citizenship: USA
		outing of Orizonting, Obit
Full name of fifth inven	tor:	WAI-FAN YAU
	. /	A
Inventor's signature:	· 🛷	Date: July 2000
Residence:		(Mountain View, CA 94040
Post Office Address:		158 Gretel Ln.
	U.S.A.	Country of Citizenship: USA
•		,
Full name of sixth inver	ntor:	DAVID W. CHEUNG
•		
Inventor's signature:		Date:
Residence:		Foster City, CA 94404
Post Office Address:		235 Billingsgate Ln.
	U.S.A.	Country of Citizenship: USA
Full name of seventh in	ventor:	RALF B. WILLECKE
Inventor's signature:	•	Date:
Residence:		Santa Clara, CA 95050
Post Office Address:		2250 Monroe St. #336
	U.S.A.	Country of Citizenship: GERMANY



Full name of eighth inv	entor:	KUOWEI LIU			
Inventor's signature:		Date:			
Residence:		Campbell, CA 95008			
Post Office Address:		163 N. San Tomas Aquino Rd.			
	U.S.A.	Country of Citizenship: USA			
Full name of ninth inve	entor:	JU-HYUNG LEE			
Inventor's signature:	·	Date:			
Residence:	,	Campbell, CA 95008			
Post Office Address:		65 Shelley Ave.			
•	U.S.A.	Country of Citizenship: SOUTH KOREA			
Full name of tenth inve	entor:	FARHAD K. MOGHADAM			
Inventor's signature:	: 	Date:			
Residence:		Saratoga, CA 95010			
Post Office Address:	•	15440 Via Colina			
•	U.S.A.	Country of Citizenship: USA			
Full name of eleventh i	nventor:	YEMING JIM MA			
Inventor's signature:		Date:			
Residence:		Santa Clara, CA 95051			
Post Office Address:		3707 Poinciana Dr., #133			
	U.S.A.	Country of Citizenship: CHINA			
		(Declaration and with this need)			

E.\FORMS\Appm\New-Patent\Merge\DECLARE.MRG.12,doc

COMBINED DECLARATION AND POWER OF ATTORNEY

	COMBINED DECEMENTION AND FOWER OF ATTORNET
As a below n	amed inventor, I hereby declare that:
This declarati	on is of the following type:
[] [] [x]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole	e, post office address and citizenship are as stated below next to my name. I believe I am the original, inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are of the subject matter which is claimed and for which a patent is sought on the invention entitled:
	METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
	SPECIFICATION IDENTIFICATION
The specifica	tion of which:
[] [x] []	is attached hereto was filed on April 1920, under Serial No. 09/53346, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	e that I have reviewed and understand the contents of the above-identified specification, including the nended by any amendment referred to above.
	ge the duty to disclose all information I know to be material to patentability in accordance with le of Federal Regulations, §1.56,
	s material to the examination of this application; namely, information where there is a substantial at a reasonable Examiner would consider it important in deciding whether to allow the application to ent, and
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I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such applications have been file	d. .						
	[]	Such applications have been filed a	s follows:	· .					
Α.		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119							
	Cou	antry/PCT Application No	Date Filed	Priority Claimed					
				[] Yes [] No [] Yes [] No [] Yes [] No					
B.		oreign application(s), if any, filed mo application	re than 12 mos. (6 mos for	design) prior to this					
		try: ication No: g date:							
C.	U.S.	Provisional Application filed within	12 months prior to this ap	plication					

PRIORITY CLAIM (35 U.S.C. §120)

Filing Date

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Serial No.

[x] Such applications have been filed, as follows:

		Status				
Serial No.	Filing Date	Patented	Pending	Abandoned		
09/021,788	02/11/98		<u> </u>			
09/114,682	07/13/98		X			
09/162,915	09/29/98		х			
09/185,555	11/04/98		X			
09/247,381	02/10/99		X			

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217		
Michael B. Einschlag	Registration No. 29,301		
Peter J. Sgarbossa	Registration No. 25,610		
Lawrence Edelman	Registration No. 25,226		
Michael L. Sherrard	Registration No. 28,041		
Raymond Kam-On Kwong	Registration No. 37,165		
James C. Wilson	Registration No. 35,412		
Robert W. Mulcahy	Registration No. 25,436		
Raymond R. Moser, Jr.	Registration No. 34,682		
B. Todd Patterson	Registration No. 37,906		
Keith M. Tackett	Registration No. 32,008		
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Patent Counsel	B. Todd Patterson		
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P		
P.O. Box 450-A	(713) 623-4844		
	/ · · · / · · · · · · ·		

DECLARATION

Santa Clara, CA 95052

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:		TZU-FAN		
Inventor's signature:		. '	Date	
Residence:	San Jose, CA	95138	•	
Post Office Address: 5431 Liqu		n Dr.		•
	115.4		Country of Citizen	achine TAIN/ANI



Full name of second inventor:

YUNG-CHENG LU

Inventor's signature:		•	Date:
Residence:	San Jose, CA 9		
Post Office Address:	3671 Greenlee	Dr., #3	·
	U.S.A.	Country of	f Citizenship: TAIWAN
		•	
Full name of third inve	ntor:	LI-QUN XIA	
Inventor's signature:			Date:
Residence: Post Office Address:	•	San Jose, CA 95111	
Fost Office Address.	•	5358 Carryback Ave.	f Cidina aking CUDIA
	*	U.S.A. Country o	f Citizenship: CHINA
Full name of fourth inv	entor:	ELLIE YIEH	
Inventor's signature:			Date:
Residence:		San Jose, CA 95138	
Post Office Address:	***	5888 Pistoria Way	
•	U.S.A.	Country of	of Citizenship: USA
· · · · · · · · · · · · · · · · · · ·			•
Full name of fifth inver	ntor:	WAI-FAN YAU	
Inventor's signature:			Date:
Residence: Post Office Address:		Mountain View, CA 94040	
Post Office Address:	U.S.A.	158 Gretel Ln.	-50%
•	U.S.A.	Country	of Citizenship: USA
Full name of sixth inver	ntor:	DAVID WACHEUNG	
	X_{1}	2	2/6/2
Inventor's signature:	1/1		Date:7/19/2000
Residence:		Foster City, CA 94404	1
Post Office Address:		235 Billingsgate Ln.	
•	U.S.A.	Country	of Citizenship: USA
			•
Full name of seventh in	ventor:	RALF B. WILLECKE	
I di nume of seventii ii)	· · · · · · · · · · · · · · · · · · ·	MADE D. WILLECKE	
Inventor's signature:			Date:
Residence:		Santa Clara, CA 95050	
Post Office Address:	•	2250 Monroe St. #336	
	U.S.A.	Country	of Citizenship: GERMANY



Full name of eighth inventor:	KUOWEI LIU				
Inventor's signature:	Date:				
Residence:	Campbell, CA 95008				
Post Office Address:	163 N. San Tomas Aquino Rd.				
U.S.A.	Country of Citizenship: USA				
Full name of ninth inventor:	JU-HYUNG LEE				
Inventor's signature:	Date:				
Residence:	Campbell, CA.95008				
Post Office Address:	65 Shelley Ave.				
U.S.A.	Country of Citizenship: SOUTH KOREA				
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Inventor's signature:	Date:				
Residence:	Saratoga, CA 95010				
Post Office Address:	15440 Via Colina				
U.S.A.	Country of Citizenship: USA				
Full name of eleventh inventor:	YEMING JIM MA				
Inventor's signature:	Date:				
Residence:	Santa Clara, CA 95051				
Post Office Address:	3707 Poinciana Dr., #133				
U.S.A.	Country of Citizenship: CHINA				

COMBINED DECLARATION AND POWER OF ATTORNEY

	COMBINED BECENTATION IN STOWER OF MITORICE.	• •
As a below	named inventor, I hereby declare that:	
This declara	ation is of the following type:	
[] [] [x]] divisional] continuation	
	INVENTORSHIP IDENTIFICATION	
first and so	nce, post office address and citizenship are as stated below next to my name. I believe I am ole inventor (if only one name is listed below) or an original, first and joint inventor (if pluraw) of the subject matter which is claimed and for which a patent is sought on the invention en	al names are
	METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA	
	SPECIFICATION IDENTIFICATION	
The specifi	ication of which:	
[x 	was filed on April 19 2000, under Serial No. 09 /533 46/, executed on even do or Express Mail No. (as Serial No. not yet known) and was amended on (if applicable)	•
•	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR	
I acknowle Title 37, C and which likelihood issue as a p	tate that I have reviewed and understand the contents of the above-identified specification, amended by any amendment referred to above. edge the duty to disclose all information I know to be material to patentability in accordance Code of Federal Regulations, §1.56, h is material to the examination of this application; namely, information where there is I that a reasonable Examiner would consider it important in deciding whether to allow the patent, and	with a substantial application to
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•	Country/PCT	Application No	Date Filed	Priority Claimed	
				[] Yes [] No [] Yes [] No [] Yes [] No	
В.	All foreign appli U.S. application	cation(s), if any, filed mo	re than 12 mos. (6 mos for	design) prior to this	
	Country: Application No: Filing date:				
C .	U.S. Provisional	Application filed within	12 months prior to this ap	plication	
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[]	No	such	app	licatio	ons	have	been	filed
-	•	-		•••					

			Status _	
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		. X	•
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Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:

Patent Counsel Applied Materials, Inc. B. Todd Patterson

P.O. Box 450-A

THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

Santa Clara, CA 95052

DECLARATION

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Full name of sole or fir	st inventor: TZU-FAN	IG HUANG
Inventor's signature:	_	Date:
Residence:	San Jose, CA 95138	
Post Office Address:	5431 Liqurian Dr.	
·	U.S.A.	Country of Citizenship: TAIWAN

COPY

Full name of second inv	entor:	YUNG-CHENG LU	u ·	
Inventor's signature:		• .	Date:	
Residence:	San Jose, CA	95117		
Post Office Address: 3671 Greenlee			•	
	U.S.A.	The state of the s	ountry of Citizenship: TAIWAN	
•		•		
Full name of third inver	ntor:	LI-QUN XIA		
Inventor's signature:			Date:	
Residence:		San Jose, CA 95111	1	
Post Office Address:		5358 Carryback Av		
	•		Country of Citizenship: CHINA	
Full name of fourth inv	entor:	ELLIE YIEH		
Inventor's signature:			Date:	
Residence:		San Jose, CA 9513		
Post Office Address:		5888 Pistoria Way		
rost Office Address.	U.S.A.	Country of Citizenship: USA		
Full name of fifth inver	itor:	WAI-FAN YAU		
• • • • • •	•		D	
Inventor's signature:	·		Date:	
Residence:		Mountain View, C.	A 94040	
Post Office Address:		158 Gretel Ln.		
	U.S.A.		Country of Citizenship: USA	
•				
Full name of sixth inve	ntor:	DAVID W. CHEU	JNG	
Inventor's signature:			Date:	
Residence:		Foster City, CA 94	4404	
Post Office Address:		235 Billingsgate L		
700.011001122	U.S.A.		Country of Citizenship: USA	
	÷			
Full name of seventh in	ventor:	RALF B. WILLEC	CKE	
Inventor's signature:	Roy 1	Illedi	Date: 7/20/00	
Decidence:		Santa Clara CA 0		

2250 Monroe St. #336

Country of Citizenship: GERMANY

Post Office Address:

U.S.A.

Full name of eighth inventor:	KUOWEI LIU
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.A.	Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
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U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S.A.	Country of Citizenship: USA
•	
Full name of eleventh inventor:	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address: /	3707 Poinciana Dr., #133
U.S.A.	Country of Citizenship: CHINA
en e	

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: This declaration is of the following type: original [] divisional [] continuation [] continuation-in-part [x] INVENTORSHIP IDENTIFICATION My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA SPECIFICATION IDENTIFICATION The specification of which: [] is attached hereto was filed on <u>april 19,2000</u>, under Serial No. <u>69/55346</u>, executed on even date herewith; [X] Express Mail No.(as Serial No. not yet known) [] and was amended on (if applicable) was described and claimed in PCT International Application No. [] filed on _____ and as amended under PCT Article 19 on ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

In compliance with this duty there is attached an Information Disclosure Statement in accordance

[]

with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such a	applications have been filed					
	[]	Such app	lications have been filed as	follows:				
۸.		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
	Cou	intry/PCT	Application No.	Date Filed	Priority Claimed			
				•	[] Yes [] No [] Yes [] No			
В.		[] Yes [] No All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application						
	• •	itry: ication No: g date:						
c.	U.S. 1	Provisional .	Application filed within 1	2 months prior to this ap	plication			

PRIORITY CLAIM (35 U.S.C. §120)

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] No such applications have been filed

Serial No.

[x] Such applications have been filed, as follows:

			Status _	
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	
09/114,682	07/13/98		\mathbf{x}^{-1}	
09/162,915	09/29/98		X	
09/185,555	11/04/98		Χ	
09/247,381	02/10/99		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

•	·
Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008
Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara CA 95052	

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: TZU		G HUANG	•
Inventor's signature:		Date:	
Residence:	San Jose, CA 95138		
Post Office Address:	5431 Liqurian Dr.	•	•
	II S A	Country of Citizenshin, TAIWAN	

Full name of second inv	ventor:	YUNG-CHENG LU	
Inventor's signature:			Date:
Residence:	San Jose, CA	95117	
Post Office Address:	3671 Greenle	Dr., #3	·
	U.S.A.	Country of C	Citizenship: TAIWAN
Full name of third inve	entor:	LI-QUN XIA	
	•		•
Inventor's signature:			Date:
Residence:		San Jose, CA 95111	· ·
Post Office Address:		5358 Carryback Ave.	
•		U.S.A. Country of	Citizenship: CHINA
			• •
Full name of fourth inv		ELLE VIEU	
ruii name oi tourm my	ventor.	ELLIE YIEH	
Inventor's signature:		•	Date:
Residence:	4	San Jose, CA 95138	
Post Office Address:		5888 Pistoria Way	
	U.S.A.	Country of	Citizenship: USA
			•
•	+		·*
Full name of fifth inver	ntor:	WAI-FAN YAU	
Inventor's signature:		,	Date:
Residence:		Mountain View, CA 94040	
Post Office Address:		158 Gretel Ln.	•
	U.S.A.		Citizenship: USA
		 	
	• .		•
Full name of sixth inve	entor:	DAVID W. CHEUNG	•

Inventor's signature:

Post Office Address:

Inventor's signature:

Post Office Address:

Full name of seventh inventor:

U.S.A.

U.S.A.

Residence:

Residence:

Foster City, CA 94404

RALF B. WILLECKE

Santa Clara, CA 95050

2250 Monroe St. #336

235 Billingsgate Ln.

Date:

Country of Citizenship: USA

Date:

Country of Citizenship: GERMANY



Full name of eighth invento	or: /	KUOWEI LIU
Inventor's signature:	/w	
Residence:		Campbell, CA 95008
Post Office Address:	\mathcal{O}	163 N. San Tomas Aquino Rd.
· · ·	U.S.A.	Country of Citizenship: USA
Full name of ninth invento	r:	JU-HYUNG LEE
Inventor's signature:		Date:
Residence:		Campbell, CA 95008
Post Office Address:		65 Shelley Ave.
	U.S.A.	Country of Citizenship: SOUTH KOREA
	•	
Full name of tenth invento	r:	FARHAD K. MOGHADAM
Inventor's signature:		Date:
Residence:		Saratoga, CA 95010
Post Office Address:		15440 Via Colina
	U.S.A.	Country of Citizenship: USA
Full name of eleventh inve	entor:	YEMING JIM MA
Inventor's signature:	•	Date:
Residence:		Santa Clara, CA 95051
Post Office Address:		3707 Poinciana Dr., #133
	U.S.A.	Country of Citizenship: CHINA
	0.0.1.	Country of Children in p. Children
		and the state of t

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

				• ,
As a below na	med inventor, I hereby declare t	hat:		
This declaratio	n is of the following type:			
[]	original divisional continuation	· .		
[x]	continuation-in-part		•	
	INVENTO	ORSHIP IDENTIFICATION	ИС	
first and sole i	post office address and citizenshinventor (if only one name is listed the subject matter which is clair METHOD OF DEPOSITING L	ed below) or an original, fir ned and for which a patent	st and joint inventor is sought on the inve	r (if plural names are ention entitled:
				AGNIA
	SPECIFIC	CATION IDENTIFICATI	ON	
The specificat	ion of which:			•
[] []	is attached hereto was filed on April 192000 or Express Mail No.(as Serial N and was amended on was described and claimed in filed ona	o. not yet known)(if applicable) PCT International Applica	tion No	
	ACKNOWLEDGMENT OF	REVIEW OF PAPERS AI	ND DUTY OF CAP	NDOR
I hereby state claims, as am	that I have reviewed and undersended by any amendment referred	stand the contents of the abd to above.	ove-identified speci	ification, including the
I acknowledg Title 37, Code	e the duty to disclose all informate of Federal Regulations, §1.56,	tion I know to be material to	o patentability in acc	cordance with
and which is likelihood that issue as a pate	material to the examination of at a reasonable Examiner would ent, and	this application; namely, consider it important in de	information where ciding whether to a	there is a substantiallow the application to
. []	In compliance with this duty with 37 CFR §1.98.	there is attached an Inform	mation Disclosure S	statement in accordance



PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

[x]

		Γ application(s) filed with ns under 35 U.S.C. §119	in 12 mos. (6 mos. for des	sign) prior to this applicat
Cour	try/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No
				[] Yes [] No
				[] Yes [] No
	reign applic	ation(s), if any, filed mor	e than 12 mos. (6 mos for	design) prior to this
Count	ry:			
	ation No:			
Applic	anon No.			•

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[]	No	such	app	olicat	ions	have	been	filed
-	-	_							

[x] Such applications have been filed, as follows:

_	
V	

	Status			
Filing Date	Patented	Pending	Abandoned	
02/11/98	 	. · X		
07/13/98		X		
09/29/98		X		
11/04/98	•	X		
02/10/99		X		
	02/11/98 07/13/98 09/29/98 11/04/98	02/11/98 07/13/98 09/29/98 11/04/98	02/11/98 X 07/13/98 X 09/29/98 X 11/04/98 X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217		
Michael B. Einschlag	Registration No. 29,301		
Peter J. Sgarbossa	Registration No. 25,610		
Lawrence Edelman	Registration No. 25,226		
Michael L. Sherrard	Registration No. 28,041		
Raymond Kam-On Kwong	Registration No. 37,165		
James C. Wilson	Registration No. 35,412		
Robert W. Mulcahy	Registration No. 25,436		
Raymond R. Moser, Jr.	Registration No. 34,682		
B. Todd Patterson	Registration No. 37,906		
Keith M. Tackett	Registration No. 32,008		
Send correspondence to:	Direct telephone calls to:		
Patent Counsel	B. Todd Patterson		
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.		
P.O. Box 450-A	(713) 623-4844		

DECLARATION

Santa Clara, CA 95052

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor: TZU	J-FANG HUANG	
Inventor's signature:		Date:	· · ·
Residence:	San Jose, CA 95138		•
Post Office Address:	5431 Liqurian Dr.		
	1154	Country of Citizenshi	n TAIWAN

Full name of second inventor:		YUNG-CHENG LU		
Inventor's signature:			Date:	
Residence:	San Jose, CA	95117		
Post Office Address:	3671 Greenle			
	U.S.A.	•	Country of Citizenship:	TAIWAN
	•			
Full name of third inve	entor:	LI-QUN XIA		
Inventor's signature:			Date:	
Residence:		San Jose, CA 9	5111	
Post Office Address:		5358 Carrybacl		•
Tost Office Tradition.		U.S.A.	Country of Citizenship	: CHINA
	•		•	· .
Full name of fourth in	ventor:	ELLIE YIEH		
Inventor's signature:			Date:	
Residence:		San Jose, CA 9		
Post Office Address:		5888 Pistoria V	Vay	
U.S.A.			Country of Citizenship	p: USA
			•	
Full name of fifth inve	ntor:	WAI-FAN YA	Ū	
Inventor's signature:	•	•	Date:	•
Residence:		Mountain Vie		
Post Office Address:		158 Gretel Ln		
7 001 0 11100 0 1 1 1 1 1 1 1 1 1 1 1 1	U.S.A.	•	Country of Citizenshi	p: USA
		.*		
Full name of sixth inv	entor:	DAVID W. C	HEUNG	
Inventor's signature:			Date:	
Residence:		Foster City, C		
Post Office Address:		235 Billingsga		
	U.S.A.		Country of Citizensh	ip: USA
Full name of seventh	inventor	RALF B. WII	LLECKE	•
I dil liallic di screlleli	, 0.11.01.	IGILI D. WII		

Inventor's signature:_ Residence:

Santa Clara, CA 95050

Post Office Address:

2250 Monroe St. #336

U.S.A.

Country of Citizenship: GERMANY

Date:





Full name of eighth inventor:	KOOWEILIO
Inventor's signature:	Date:
Residence:	Campbell, CA 95008
Post Office Address:	163 N. San Tomas Aquino Rd.
U.S.A.	Country of Citizenship: USA
Full name of ninth inventor:	JU-HYUNG LEE
Inventor's signature:	yung f Date: 1/20/00
Residence:	Campbell, CA 95008
Post Office Address: U	65 Shelley Ave.
U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inventor:	FARHAD K. MOGHADAM
Inventor's signature:	Date:
Residence:	Saratoga, CA 95010
Post Office Address:	15440 Via Colina
U.S.A.	Country of Citizenship: USA
Full name of eleventh inventor:	YEMING JIM MA
Inventor's signature:	Date:
Residence:	Santa Clara, CA 95051
Post Office Address:	3707 Poinciana Dr., #133
U.S.A.	Country of Citizenship: CHINA
	(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

			•	
As a below nar	ned inventor, I hereby declare th	hat:		•
This declaration	is of the following type:		•	
[] [] [x]	original divisional continuation continuation-in-part			
	INVENTO	DRSHIP IDENTIFICATI	ON	
first and sole in listed below) o	post office address and citizenshing twentor (if only one name is listed the subject matter which is claim METHOD OF DEPOSITING L	d below) or an original, fined and for which a patent	rst and joint inventor is sought on the inve	r (if plural names are ention entitled:
	SPECIFIC	CATION IDENTIFICAT	ION	•
The specificati	on of which:			
[] [x] []	is attached hereto was filed on	o. not yet known) (if applicable) PCT International Applica) ation No	on even date herewith;
• .•	ACKNOWLEDGMENT OF F	REVIEW OF PAPERS A	ND DUTY OF CAN	NDOR
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PRIORITY CLAIM (35 U.S.C. §119)

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any priority ciair	ms under 35 U.S.C. §119	in 12 mos. (6 mos. for des	
Country/PCT	Application No	Date Filed	Priority Claimed
			[] Yes [] No
			[] Yes [] No
All foreign appli	cation(s) if any filed mor	e than 12 mos. (6 mos for	[] Yes [] No
All foreign appli U.S. application	cation(s), if any, filed mor	e than 12 mos. (6 mos foi	
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[]	No such applications have been filed
[x]	Such applications have been filed, as

			Status _	
Serial No.	Filing Date	Patented	Pending	Abandoned
09/021,788	02/11/98		X	•
09/114,682	07/13/98		X	
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Raymond R. Moser, Jr.	Registration No. 34,682
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Send correspondence to:	Direct telephone calls to:
Patent Counsel	B. Todd Patterson
Applied Materials, Inc.	THOMASON, MOSER & PATTERSON, L.L.P.
P.O. Box 450-A	(713) 623-4844
Santa Clara, CA 95052	

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Full name of sole or fir	st inventor: TZU-FAN	IG HUANG	•
Inventor's signature:	•	Date:	
Residence:	San Jose, CA 95138		
Post Office Address:	5431 Liqurian Dr.		
	U.S.A.	Country of Citizenship: 7	TAIWAN



Full name of second inventor:		YUNG-CHENG LU
Inventor's signature:		Date:
Residence:	San Jose, CA	95117
Post Office Address:	3671 Greenle	
	U.S.A.	Country of Citizenship: TAIWAN
Full name of third inve	ntor:	LI-QUN XIA
Inventor's signature:		Date:
Residence:		San Jose, CA 95111
Post Office Address:		5358 Carryback Ave.
		U.S.A. Country of Citizenship: CHINA
Full name of fourth in	ventor:	ELLIE YIEH
Inventor's signature:	<u> </u>	Date:
Residence:		San Jose, CA 95138
Post Office Address:		5888 Pistoria Way
	U.S.A.	Country of Citizenship: USA
Full name of fifth inve	ntor:	WAI-FAN YAU
Inventor's signature:		Date:
Residence:		Mountain View, CA 94040
Post Office Address:	*	158 Gretel Ln.
	U.S.A.	Country of Citizenship: USA
Full name of sixth inve	entor:	DAVID W. CHEUNG
Inventor's signature:		Date:
Residence:		Foster City, CA 94404
Post Office Address:		235 Billingsgate Ln.
	U.S.A.	Country of Citizenship: USA
		es established
Full name of seventh i	nventor:	RALF B. WILLECKE
Inventor's signature:		Date:
Residence:	•	Santa Clara, CA 95050
Post Office Address:	•	2250 Monroe St. #336
	U.S.A.	Country of Citizenship: GERMANY





Full name of eighth inventor:

Inventor's signature:		Date:
Residence:		Campbell, CA 95008
Post Office Address:		163 N. San Tomas Aquino Rd.
	U.S.A.	Country of Citizenship: USA
Full name of ninth inve	entor:	JU-HYUNG LEE
Inventor's signature:		Date:
Residence:		Campbell, CA 95008
Post Office Address:		65 Shelley Ave.
·	U.S.A.	Country of Citizenship: SOUTH KOREA
Full name of tenth inv	entor:	FARHAD K. MOGHADAM
Inventor's signature:	Harlad	moghada Date: 7/25/00
Residence:		Saratoga, CA 95010
Post Office Address:		15440 Via Colina
	U.S.A.	Country of Citizenship: USA
Full name of eleventh	inventor:	YEMING JIM MA
Inventor's signature:		Date:
Residence:		Santa Clara, CA 95051
Post Office Address:		3707 Poinciana Dr., #133
	U.S.A.	Country of Citizenship: CHINA
	n	Declaration ends with this page)



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below nan	ned inventor, I hereby declare that:
This declaration	is of the following type:
[] [] [x]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole in listed below) o	post office address and citizenship are as stated below next to my name. I believe I am the original, inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are f the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD OF DEPOSITING LOW K FILMS USING AN OXIDIZING PLASMA
	SPECIFICATION IDENTIFICATION
The specificati	on of which:
[] [x] []	is attached hereto was filed on April 1900, under Serial No. 69/55346, executed on even date herewith; or Express Mail No. (as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
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۸.			application(s) filed within under 35 U.S.C. §119	n 12 mos. (6 mos. for desig	n) prior to this application, an
	Countr	ry/PCT	Application No	Date Filed	Priority Claimed
					[] Yes [] No [] Yes [] No [] Yes [] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country: Application No: Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

Serial No.

Filing Date

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- [] No such applications have been filed
- [x] Such applications have been filed, as follows:

Serial No. Filing Date	Status			
	Filing Date	Patented	Pending	<u>Abandoned</u>
09/021,788	02/11/98		X .	
09/114,682	07/13/98		X	
09/162,915	09/29/98		Χ.	
09/185,555	11/04/98		X	
09/247.381	02/10/99		\mathbf{X}	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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(Declaration ends with this page)